## IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A phenanthroline derivative represented by a general formula (1),

$$R_3$$
  $R_2$   $R_3$   $R_4$   $R_5$   $R_5$   $R_5$   $R_5$   $R_5$   $R_5$ 

wherein each of  $R_1$  to  $R_5$  is selected from the group consisting of a hydrogen atom, an alkyl group having 1 to 4 carbon atoms and a halogen group.

2. (Original) An electron injecting material represented by a general formula (2),

$$R_6$$
 $R_6$ 
 $R_6$ 
 $R_6$ 
 $R_6$ 
 $R_6$ 
 $R_6$ 

wherein R<sub>6</sub> is selected from the group consisting of an alkyl group having 1 to 4 carbon atoms, an alkenyl group having 1 to 4 carbon atoms, and an aryl group having 6 to 10 carbon atoms.

- 3. (Original) Alight-emitting element comprising the phenanthroline derivative according to claim 1 and at least one element selected from alkali metals and alkali-earth metals.
- 4. (Original) A light-emitting element comprising a layer including a phenanthroline derivative represented by a general formula (3) and at least one element selected from alkali metals and alkali-earth metals,

$$R_7$$
 $R_7$ 
 $R_7$ 
 $R_7$ 
 $R_7$ 
 $R_7$ 
 $R_7$ 
 $R_7$ 

wherein  $R_7$  is selected from the group consisting of an alkyl group having 1 to 4 carbon atoms, an alkenyl group having 1 to 4 carbon atoms, and an aryl group having 6 to 10 carbon atoms.

- 5. (Currently amended) A light-emitting device comprising the light-emitting element according to claim 3 and 4.
- 6. (Currently amended) A light-emitting device that has a display function, comprising a pixel portion in which a circuit including the light-emitting element according to claim 3 and 4 is arranged.
  - 7. (Original) An electronic device using the light-emitting device according to claim 5 for a

display portion.

- 8. (Original) An electronic device using the light-emitting device according to claim 6 for a display portion.
  - 9. (New) A light-emitting device comprising the light-emitting element according to claim 4.
- 10. (New) A light-emitting device that has a display function, comprising a pixel portion in which a circuit including the light-emitting element according to claim 4 is arranged.
  - 11. (New) A light-emitting device according to claim 4, wherein the layer is an electron injecting layer.